

## Section 1. Registration Information

### Source Identification

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Facility Name:	Aeropres Corporation - Hillsborough, NJ
Parent Company #1 Name:	
Parent Company #2 Name:	

### Submission and Acceptance

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Submission Type:	Re-submission
Subsequent RMP Submission Reason:	5-year update (40 CFR 68.190(b)(1))
Description:	
Receipt Date:	15-Jan-2020
Postmark Date:	15-Jan-2020
Next Due Date:	15-Jan-2025
Completeness Check Date:	15-Jan-2020
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	Yes

### Facility Identification

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EPA Facility Identifier:	1000 0015 3282
Other EPA Systems Facility ID:	110000579213
Facility Registry System ID:	

### Dun and Bradstreet Numbers (DUNS)

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Facility DUNS:	62922133
Parent Company #1 DUNS:	
Parent Company #2 DUNS:	

### Facility Location Address

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Street 1:	318 Valley Road
Street 2:	
City:	Hillsborough
State:	NEW JERSEY
ZIP:	08844
ZIP4:	4095
County:	SOMERSET

### Facility Latitude and Longitude

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Latitude (decimal):	40.526314
Longitude (decimal):	-074.651453
Lat/Long Method:	Interpolation - Digital map source (TIGER)
Lat/Long Description:	Storage Tank
Horizontal Accuracy Measure:	50
Horizontal Reference Datum Name:	North American Datum of 1983
Source Map Scale Number:	

## Owner or Operator

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Operator Name:	Aeropres Corporation
Operator Phone:	(908) 292-1240

## Mailing Address

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Operator Street 1:	318 Valley Road
Operator Street 2:	
Operator City:	Hillsborough
Operator State:	NEW JERSEY
Operator ZIP:	08844
Operator ZIP4:	4095
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

## Name and title of person or position responsible for Part 68 (RMP) Implementation

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RMP Name of Person:	David Fox
RMP Title of Person or Position:	EHS Specialist
RMP E-mail Address:	

## Emergency Contact

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Emergency Contact Name:	Pat Caulfield
Emergency Contact Title:	Plant Manager
Emergency Contact Phone:	(908) 292-1250
Emergency Contact 24-Hour Phone:	(908) 872-8720
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	pcaulfield@aeropres.com

## Other Points of Contact

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Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	
Facility or Parent Company WWW Homepage Address:	

## Local Emergency Planning Committee

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LEPC:	Hillsborough Township OEM
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## Full Time Equivalent Employees

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Number of Full Time Employees (FTE) on Site:	9
FTE Claimed as CBI:	

## Covered By

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OSHA PSM :	Yes
EPCRA 302 :	Yes
CAA Title V:	

Air Operating Permit ID:

## OSHA Ranking

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OSHA Star or Merit Ranking:

## Last Safety Inspection

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Last Safety Inspection (By an External Agency) Date:	05-Dec-2019
Last Safety Inspection Performed By an External Agency:	Fire Department

## Predictive Filing

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Did this RMP involve predictive filing?:

## Preparer Information

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Preparer Name:	Peter Jordan
Preparer Phone:	(215) 317-1562
Preparer Street 1:	225 Pine Glen Road
Preparer Street 2:	
Preparer City:	Langhorne
Preparer State:	PENNSYLVANIA
Preparer ZIP:	19047
Preparer ZIP4:	
Preparer Foreign State:	
Preparer Foreign Country:	
Preparer Foreign ZIP:	

## Confidential Business Information (CBI)

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CBI Claimed:  
Substantiation Provided:  
Unsanitized RMP Provided:

## Reportable Accidents

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Reportable Accidents:	See Section 6. Accident History below to determine if there were any accidents reported for this RMP.
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## Process Chemicals

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Process ID:	1000105589
Description:	LPG, DME & D-152 System
Process Chemical ID:	1000132231
Program Level:	Program Level 3 process
Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Quantity (lbs):	770000
CBI Claimed:	
Flammable/Toxic:	Flammable

Process ID: 1000105589  
Description: LPG, DME & D-152 System  
Process Chemical ID: 1000132232  
Program Level: Program Level 3 process  
Chemical Name: Butane  
CAS Number: 106-97-8  
Quantity (lbs): 770000  
CBI Claimed:  
Flammable/Toxic: Flammable

Process ID: 1000105589  
Description: LPG, DME & D-152 System  
Process Chemical ID: 1000132233  
Program Level: Program Level 3 process  
Chemical Name: Difluoroethane [Ethane, 1,1-difluoro-]  
CAS Number: 75-37-6  
Quantity (lbs): 450000  
CBI Claimed:  
Flammable/Toxic: Flammable

Process ID: 1000105589  
Description: LPG, DME & D-152 System  
Process Chemical ID: 1000132234  
Program Level: Program Level 3 process  
Chemical Name: Propane  
CAS Number: 74-98-6  
Quantity (lbs): 600000  
CBI Claimed:  
Flammable/Toxic: Flammable

Process ID: 1000105589  
Description: LPG, DME & D-152 System  
Process Chemical ID: 1000132235  
Program Level: Program Level 3 process  
Chemical Name: Methyl ether [Methane, oxybis-]  
CAS Number: 115-10-6  
Quantity (lbs): 440000  
CBI Claimed:  
Flammable/Toxic: Flammable

Process ID: 1000105589  
Description: LPG, DME & D-152 System  
Process Chemical ID: 1000132236  
Program Level: Program Level 3 process  
Chemical Name: Isopentane [Butane, 2-methyl-]  
CAS Number: 78-78-4  
Quantity (lbs): 65000

CBI Claimed:  
Flammable/Toxic: Flammable

Process NAICS

Process ID: 1000105589  
Process NAICS ID: 1000106882  
Program Level: Program Level 3 process  
NAICS Code: 42471  
NAICS Description: Petroleum Bulk Stations and Terminals

## Section 2. Toxics: Worst Case

No records found.

## Section 3. Toxics: Alternative Release

No records found.

Section 4. Flammables: Worst Case

Flammable Worst ID: 1000063640

Model Used:  
Endpoint used:

EPA's RMP\*Comp(TM)  
1 PSI

Passive Mitigation Considered

Blast Walls:  
Other Type:



Section 5. Flammables: Alternative Release

Flammable Alter ID: 1000059676

Model Used:

EPA's RMP\*Comp(TM)

Passive Mitigation Considered

Dikes:

Fire Walls:

Blast Walls:

Enclosures:

Other Type:

Active Mitigation Considered

Sprinkler System:

Deluge System:

Water Curtain:

Excess Flow Valve:Yes

Other Type:

## Section 6. Accident History

No records found.

## Section 7. Program Level 3

### Description

This section applies to the entire liquefied petroleum gas (LPG), isopentane, dimethyl ether and difluoroethane facility.

### Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000111439
Chemical Name:	Propane
Flammable/Toxic:	Flammable
CAS Number:	74-98-6
Process ID:	1000105589
Description:	LPG, DME & D-152 System
Prevention Program Level 3 ID:	1000089517
NAICS Code:	42471
Prevention Program Chemical ID:	1000111436
Chemical Name:	Isobutane [Propane, 2-methyl]
Flammable/Toxic:	Flammable
CAS Number:	75-28-5
Process ID:	1000105589
Description:	LPG, DME & D-152 System
Prevention Program Level 3 ID:	1000089517
NAICS Code:	42471
Prevention Program Chemical ID:	1000111438
Chemical Name:	Difluoroethane [Ethane, 1,1-difluoro-]
Flammable/Toxic:	Flammable
CAS Number:	75-37-6
Process ID:	1000105589
Description:	LPG, DME & D-152 System
Prevention Program Level 3 ID:	1000089517
NAICS Code:	42471
Prevention Program Chemical ID:	1000111437
Chemical Name:	Butane
Flammable/Toxic:	Flammable
CAS Number:	106-97-8
Process ID:	1000105589
Description:	LPG, DME & D-152 System
Prevention Program Level 3 ID:	1000089517
NAICS Code:	42471

Prevention Program Chemical ID:	1000111440
Chemical Name:	Methyl ether [Methane, oxybis-]
Flammable/Toxic:	Flammable
CAS Number:	115-10-6

Process ID:	1000105589
Description:	LPG, DME & D-152 System
Prevention Program Level 3 ID:	1000089517
NAICS Code:	42471

## Safety Information

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Safety Review Date (The date on which the safety information was last reviewed or revised):	16-Jul-2019
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## Process Hazard Analysis (PHA)

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PHA Completion Date (Date of last PHA or PHA update):	12-Mar-2019
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## The Technique Used

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What If:	
Checklist:	
What If/Checklist:	Yes
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	27-Jun-2019

## Major Hazards Identified

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Toxic Release:	
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	
Overpressurization:	Yes
Corrosion:	Yes
Overfilling:	Yes
Contamination:	Yes
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	
Earthquake:	
Floods (Flood Plain):	Yes
Tornado:	Yes
Hurricanes:	Yes
Other Major Hazard Identified:	

## Process Controls in Use

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Vents:	
Relief Valves:	Yes
Check Valves:	Yes
Scrubbers:	
Flares:	
Manual Shutoffs:	Yes
Automatic Shutoffs:	Yes
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	Yes
Backup Pump:	
Grounding Equipment:	Yes
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	Yes
Quench System:	
Purge System:	
None:	
Other Process Control in Use:	

## Mitigation Systems in Use

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Sprinkler System:	
Dikes:	
Fire Walls:	
Blast Walls:	
Deluge System:	Yes
Water Curtain:	
Enclosure:	
Neutralization:	
None:	
Other Mitigation System in Use:	

## Monitoring/Detection Systems in Use

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Process Area Detectors:	Yes
Perimeter Monitors:	
None:	
Other Monitoring/Detection System in Use:	

## Changes Since Last PHA Update

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Reduction in Chemical Inventory:	
Increase in Chemical Inventory:	
Change Process Parameters:	
Installation of Process Controls:	
Installation of Process Detection Systems:	
Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	Yes

Other Changes Since Last PHA or PHA Update:

## Review of Operating Procedures

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Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures): 16-Jul-2019

## Training

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Training Revision Date (The date of the most recent review or revision of training programs): 16-Jul-2019

## The Type of Training Provided

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Classroom: Yes  
On the Job: Yes  
Other Training:

## The Type of Competency Testing Used

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Written Tests: Yes  
Oral Tests:  
Demonstration: Yes  
Observation:  
Other Type of Competency Testing Used:

## Maintenance

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Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures): 29-Aug-2019

Equipment Inspection Date (The date of the most recent equipment inspection or test): 01-Dec-2019

Equipment Tested (Equipment most recently inspected or tested): Leak test for piping

## Management of Change

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Change Management Date (The date of the most recent change that triggered management of change procedures): 28-May-2019

Change Management Revision Date (The date of the most recent review or revision of management of change procedures): 28-Aug-2019

## Pre-Startup Review

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Pre-Startup Review Date (The date of the most recent pre-startup review): 19-Jun-2019

## Compliance Audits

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Compliance Audit Date (The date of the most recent compliance audit): 16-Jul-2019

Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit): 27-Aug-2019

## Incident Investigation

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Incident Investigation Date (The date of the most recent incident investigation (if any)): 08-Apr-2013

Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation): 22-Apr-2014

## Employee Participation Plans

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Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans): 16-Jul-2019

## Hot Work Permit Procedures

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Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures): 29-Aug-2019

## Contractor Safety Procedures

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Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures): 16-Jul-2019

Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance): 13-Nov-2019

## Confidential Business Information

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CBI Claimed:

## Section 8. Program Level 2

No records found.



## Section 9. Emergency Response

### Written Emergency Response (ER) Plan

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Community Plan (Is facility included in written community emergency response plan?): Yes

Facility Plan (Does facility have its own written emergency response plan?): Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?): Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?): Yes

Healthcare (Does facility's ER plan include information on emergency health care?): Yes

### Emergency Response Review

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Review Date (Date of most recent review or update of facility's ER plan): 29-Aug-2019

### Emergency Response Training

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Training Date (Date of most recent review or update of facility's employees): 05-Dec-2019

### Local Agency

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Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated): Hillsborough Township OEM

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated): (908) 369-4323

### Subject to

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OSHA Regulations at 29 CFR 1910.38: Yes

OSHA Regulations at 29 CFR 1910.120: Yes

Clean Water Regulations at 40 CFR 112:

RCRA Regulations at CFR 264, 265, and 279.52:

OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:

State EPCRA Rules or Laws: Yes

Other (Specify): Discharge Prevention, Containment, and Countermeasure (DPCC) Plan

## Executive Summary

### AEROPRES CORPORATION EXECUTIVE SUMMARY

#### 1. Accidental Release Prevention and Emergency Response Policies:

This facility handles liquefied petroleum gases (propane, isobutane and normal butane), isopentane, dimethyl ether and difluoroethane. These are flammable gases, so it is necessary to follow safety precautions during handling to prevent human exposure and reduce health threats to our workers and the nearby community. Aeropres Corporation will strictly adhere to all Federal, State and Local rules and regulations. Safety depends on:

- (a) The manner in which we handle these products;
- (b) The safety devices inherent in the design of the facility;
- (c) Operating and maintenance procedures; and
- (d) Employee training.

Our emergency response program details employee responsibilities, actions and includes procedures for notification of the local fire authority and the local LEPC to notify potentially affected neighbors.

#### 2. The Stationary Source and Regulated Substances handled:

The primary purpose of this facility is to:

- (a) Receive and store liquefied petroleum gases, isopentane, difluoroethane, and dimethyl ether;
- (b) Remove trace contaminants;
- (c) Blend these products to customer specification; and
- (d) Ship the finished products to our customers via truck and rail.

Our customers use this product as propellant in aerosols. Access to the facility is restricted to authorized facility employees, authorized management personnel and authorized contractors.

#### 3. The General Accidental Release Prevention Program and the Specific Prevention Steps:

This facility complies with all Federal, State, and Local rules and regulations. The facility was designed and constructed in accordance with NFPA-58 and ASME codes and regulations. All employees are thoroughly trained on the characteristics and handling of flammable gases such as propane.

#### 4. Five-Year Accident History

There have been no accidents at this facility.

#### 5. The Emergence Response Program:

A detailed emergency response program has been developed and sent to the Hillsborough Township OEM. The program includes procedures to respond to chemical releases and fires.

#### 6. Planned Changes to Improve Safety:

The facility is planning to provide a computer control system in the near future.